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RMA Industry Report

CONFIDENTIAL

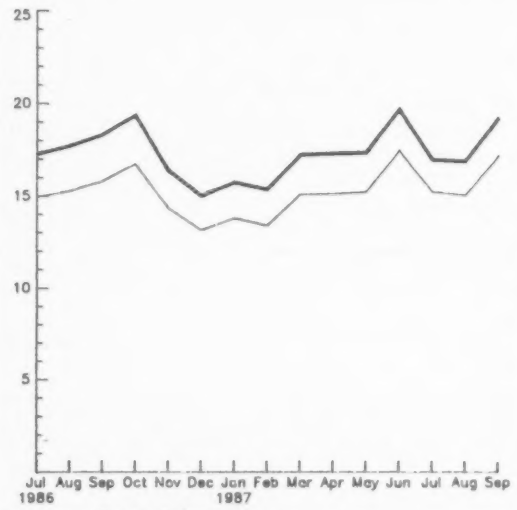
RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4860

MONTHLY TIRE REPORT

September 1987

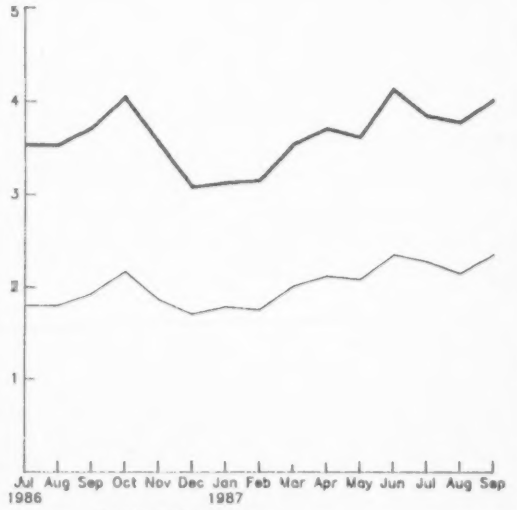
This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and inner tube shipments, production, exports, imports, and inventory. The actual industry data reported is adjusted to include estimates for non-participating companies so that the figures presented will represent 100% of the domestic U.S. tire market.

PASSENGER TIRE SHIPMENTS



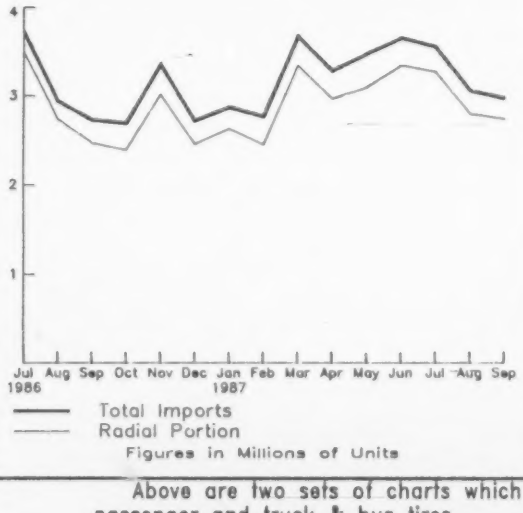
Figures in Millions of Units

TRUCK & BUS TIRE SHIPMENTS



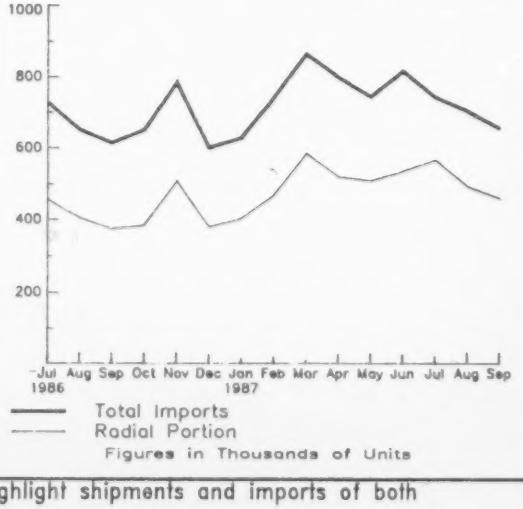
Figures in Millions of Units

PASSENGER TIRE IMPORTS



Figures in Millions of Units

TRUCK & BUS TIRE IMPORTS



Figures in Thousands of Units

Above are two sets of charts which highlight shipments and imports of both passenger and truck & bus tires.

The shipment charts show monthly volumes for total shipments and radial shipments for fifteen months running. The vertical distance between the two lines in each graph is the non-radial portion of the total shipments. September 1987 total shipments are up +4.9% from September 1986 for passenger tires, and up +8.0% for truck and bus tires. The import charts show volume of imports of both passenger and truck and bus tires, as well as the portion of imports which are radial tires. From 1982 to 1986, passenger tire imports increased 101.1%, and truck and bus tire imports grew by 104.8%.

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: December 02, 1987

	September 1987	September 1986	% CHANGE	YTD 1987	YTD 1986	% CHANGE
PASSENGER TIRES						
Shipments						
Original Equipment	4,328	4,766	-9.19	39,930	41,395	-3.54
Radial	3,698	4,050	-8.69	33,886	34,818	-2.67
Replacement	14,338	13,145	+9.08	111,581	107,643	+3.66
Radial	13,018	11,440	+13.79	99,876	92,766	+7.66
Export	541	403	+34.24	4,244	2,933	+44.70
Radial	477	329	+44.98	3,703	2,247	+64.80
Total	19,207	18,314	+4.88	155,755	151,971	+2.49
Radial	17,193	15,819	+8.69	137,467	129,831	+5.88
Production	14,017	13,929	+0.63	124,624	118,797	+4.91
Radial	12,497	11,774	+6.14	109,402	100,394	+8.97
Ending Inventory	29,217	27,837	+4.96	-	-	-
Radial	26,164	24,331	+7.53	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	641	593	+8.09	5,906	5,236	+12.80
Radial	444	400	+11.00	4,102	3,486	+17.67
Replacement	3,178	2,997	+6.04	25,515	23,797	+7.22
Radial	1,767	1,463	+20.78	13,712	11,341	+20.91
Export	190	121	+57.02	1,475	989	+49.14
Radial	141	165	-14.55	1,048	696	+50.57
Total	4,009	3,711	+8.03	32,896	30,022	+9.57
Radial	2,352	2,028	+15.98	18,862	15,523	+21.51
Production	3,187	2,611	+22.06	26,514	22,985	+15.35
Radial	1,826	1,334	+36.88	15,028	11,181	+34.41
Ending Inventory	7,017	7,053	-0.51	-	-	-
Radial	4,437	3,919	+13.22	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	72	54	+33.33	548	488	+12.30
Replacement	7	2	+250.00	84	54	+55.56
Export	-	-	-	-	-	-
Total	79	56	+41.07	632	542	+16.61
Production	67	51	+31.37	543	451	+20.40
Ending Inventory	53	111	-52.25	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	57	39	+46.15	440	395	+11.39
Replacement	247	197	+25.38	2,075	1,861	+11.50
Export	19	13	+46.15	162	129	+25.58
Total	323	249	+29.72	2,677	2,385	+12.24
Production	264	230	+14.78	2,256	2,047	+10.21
Ending Inventory	509	636	-19.97	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	611	386	+58.29	5,653	3,827	+47.71
Replacement	164	138	+18.84	1,603	3,700	-56.68
Export	25	19	+31.58	191	155	+23.23
Total	800	543	+47.33	7,447	7,682	-3.06
Production	809	584	+38.53	6,689	5,553	+20.46
Ending Inventory	1,499	2,248	-33.32	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	600	683	-12.15	4,433	5,711	-22.38
Truck & Bus	1,364	1,439	-5.21	10,730	11,580	-7.34
Tractor-Implement	295	261	+13.03	2,091	1,921	+8.85
Industrial & Utility	172	178	-3.37	1,502	1,513	-0.73

* Inner Tube figures are for shipments only, not production.

In order to avoid possible double counting, export figures are as reported to RMA and will vary from data in government reports. This report is available from RMA at a $500.00 subscription rate. Year-end reports are available at $500.00 each. Figures may not add due to rounding. For further detail on tire and tube exports, refer to the RMA 501 report.

IMPORTS FOR CONSUMPTION OF TIRE AND INNER TUBES -- SOURCE: U.S. Department of Commerce, Report No. IM-145
(Units are rounded and expressed in thousands)

	TIRES									TUBES			
TSUSA NUMBERS:	772.5109	772.5112	772.5127	772.5129	772.5136	772.5138	772.5141	772.4500 772.4600	772.5000	772.6005	772.6010	772.6025	77
	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes	
1986													
January	2,332	225	125	50	275	177	177	3	46	424	233	327	
February	2,251	155	96	57	247	171	180	2	82	292	175	449	
March	2,296	213	109	78	298	157	165	4	64	372	218	360	
April	2,371	178	113	86	231	107	118	5	47	255	172	308	
May	2,650	179	110	68	270	130	252	2	42	244	204	313	
June	2,798	198	110	66	303	117	180	3	42	468	203	336	
July	3,506	236	119	112	337	161	156	4	91	361	261	395	
August	2,734	205	89	76	315	170	104	4	74	344	177	290	
September	2,462	260	84	106	289	134	86	4	46	310	148	243	
CUMULATIVE	23,400	1,849	955	700	2,565	1,324	1,416	30	533	3,070	1,791	3,021	
October	2,382	303	89	101	295	166	146	4	51	383	130	235	
November	3,015	342	105	81	404	195	160	5	83	343	180	396	
December	2,449	265	65	65	314	155	116	2	85	281	143	210	
ANNUAL	31,246	2,759	1,213	946	3,578	1,840	1,838	40	752	4,077	2,244	3,862	
1987													
January	2,625	247	106	56	298	168	187	2	28	301	140	328	
February	2,440	320	146	121	323	152	169	6	35	416	137	413	
March	3,345	334	161	107	424	173	166	2	43	292	155	441	
April	2,961	318	167	112	352	167	143	3	50	285	136	422	
May	3,095	385	169	76	339	159	160	6	52	364	169	388	
June	3,345	317	141	89	395	192	168	3	81	253	153	407	
July	3,266	290	134	53	433	123	105	2	49	255	157	439	
August	2,793	265	105	64	387	148	124	2	87	545	144	415	
September	2,734	236	100	50	358	146	84	2	71	284	93	455	
CUMULATIVE	26,604	2,713	1,229	728	3,308	1,428	1,306	31	496	2,994	1,284	3,707	
October													
November													
December													
% Change Month	-2.1	-10.9	-4.8	-21.9	-7.5	-1.4	-32.3	.0	-18.4	-47.9	-35.4	9.6	
% Change Month 87 vs. 86	11.0	-9.2	19.0	-52.8	23.9	9.0	-2.3	-50.0	54.3	-8.4	-37.2	87.2	
% Change Cumulative	13.7	46.7	28.7	4.0	29.0	7.9	-7.8	3.3	-6.9	-2.5	-28.3	22.7	

Figures may not add due to rounding. For further details on Imports please refer to RMA 500 Report.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the RMA Tire Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission of their monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those developed by the Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

Descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenger service tires such as racing car and dune buggy tires.

TRUCK & BUS TIRES: all sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

MOBILE HOME TIRES: all tires designed solely for use in the transportation of permanent or temporary buildings, with wheel attached, from factory to site or site to site.

TRACTOR IMPLEMENT TIRES: steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, cane and rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, baggage, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractors. This category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

Descriptions for the various column headings used in this report:

Original Equipment: shipments to vehicle manufacturers for their original equipment.

Replacement: shipments destined for the domestic replacement market.

Export: shipments to points outside the United States by the participants, and as such, will differ from the export figures released by the U.S. government.

Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports:

Data for imports are shown separately on this report; however, those of participating companies are reflected in all of the columns with the exception of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data is listed by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-goverment imports from foreign countries into U.S. Customs territories.

The participants in this report include:

Armstrong Rubber Company, The
Bridgestone U.S.A., Inc.
Bridgestone Tire Manufacturing Inc., (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Corporation
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire Corporation
Firestone Tire & Rubber Company, The
General Tire, Division of GenCorp
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
Lee Tire & Rubber Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Corporation of America
Toyo Tire (USA) Corporation
Uniroyal-Goodrich Tire Company, The
Yokohama Tire Corporation

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